Reg. No B.G 101.

The Mysore Gazette

PUBLISHED BY AUTHORITY

Vol. 108	BANGALORE, THURSDAY, JANUARY 4, 1973 (PUSHYA 14, SAKA ERA 1894)	No. 1

PART I

IMPORTANT GOVERNMENT ORDERS

EDUCATION AND YOUTH SERVICES SECRETARIAT

Part-time Degree Courses for employed Diploma holders in Engineering—Starting of at the B. M. S. College of Engineering, Bangalore—Approved.

READ :—

(i) Letter No. F19-104/69-T, 5 dated 2nd February 1970 from the Government of India, Ministry of Education and Youth Services, New Delhi.

(ii) Correspondence resting with letter No. DVP 5 EGC 72/7644, dated 4/6th September 1972 from the Director of Technical Education in Mysore, Bangalore.

PREAMBLE :—

1. The Government of India, Ministry of Education and Youth Services, New Delhi in their letter No. F9-104/69-T5, dated 2nd February 1970 requested the State Government to consider the question of organising the Part-time courses at Degree level in some of the Engineering Colleges in the State and to send to them proposals of the State Government in this behalf. These proposals were to be considered under State Plan and suitable provision made by State Government in their plan.

2. The Director of Technical Education in Mysore, Bangalore accordingly addressed the three Universities of Mysore, Bangalore and Karnatak in the matter. The Karnatak University as also the Mysore University are not agreeable to start part-time Degree courses for diploma holders in Engineering.

3. The Bangalore University have, however, framed the syllabus, Scheme of Examinations and Regulations for the starting of part-time Degree courses for employed Diploma holders in Engineering and also accorded affiliation to the B. M. S. College of Engineering, Bangalore, which is an aided college, for the starting of the course with an intake of 90 students from the academic year 1972-73.

4. Accordingly the Director of Technical Education has submitted proposals for the introduction of part-time Degree courses in Civil, Electrical and Mechanical Engineering for the employed Diploma holders in Engineering at the B. M. S. College of Engineering, Bangalore, from the year 1972-73 with an *ultimate* intake of 120 students (40 in each branch).

ORDER No. ED 31 MTE 72, BANGALORE, DATED THE 13TH OCTOBER 1972.

Pending assessment and approval of the Scheme by the Government of India, sanction is accorded to the Scheme of introduction of part-time Degree Courses in Civil, Electrical and Mechanical Engineering at the B. M. S. College of Engineering, Bangalore which is an aided College for the employed Diploma holders

in Engineering as detailed in the appendix to this order, with an *ultimate* intake of 120 students (40 in each branch) at a total estimated cost of Rs. 2,64,500 (Rupees two lakhs sixty-four thousand and five hundred only) non-recurring and Rs. 3,16 500 (Rupees three lakhs sixteen thousand and five hundred) per annum recurring, from the year 1972-73.

2. The Director of Technical Education in Mysore, Bangalore is authorised to release the recurring and non-recurring grants to the B. M. S. College of Engineering Bangalore towards the implementation of the scheme in accordance with the pattern mentioned in para 16 of the appended scheme.

3. The expenditure on this account during 1972-73 is debitable to the head "28-Education-XX-Development Scheme-(i) State Plan-D. Technical Education-8-Starting of Part-time Degree courses for Diploma holders in Engineering" and should be accommodated within plan ceilings. The Director of Technical Education is requested to make necessary provision for the Scheme in the next and subsequent years.

4. This order issues with the concurrence of Finance Department *vide* their U. O. Note No. FS/3949 dated 6th October 1972.

By Order and in the name of the Governor of Mysore,

S. K. GIRIYAPPA,
Under Secretary to Government,
Education and Youth Services Department.

881

APPENDIX.

Scheme for Starting of Part-Time Degree Courses for Employed Diploma Holders in Engineering at the B. M. S. College of Engineering, Bangalore.

(*1*) *Aims and Scope*:—It is a great necessity in industrial city like Bangalore to provide opportunities to employed Diploma holders to improve their qualifications and to progress in their careers. There is a large number of Diploma holders working in the factories and other technical establishments in and around Bangalore and who have gained sufficient practical experience in several fields of Engineering. It is further observed that they are anxious to study part-time Degree Courses so as to appear for the Degree Examination of the University in the State so that their prospects in their establishments could be much better. The Evening classes run elsewhere have become quite popular and these employed Diploma holders have been taking to these courses at considerable expenses.

The Government of India in their letter No. F. 19-104/OH/69. T. 5 dated 2nd February 1970 addressed to the all State Governments have requested them to start the part-time Degree courses for Diploma holders in well-developed existing Engineering Colleges in the State by including the scheme in the state plan and agreed to provide central assistance in accordance with the pattern of assistance during IV Plan.

Now, the Bangalore University has approved the regulations, syllabus and scheme of examinations for the starting of the part-time Degree courses for Employed Diploma holders in Engineering and accorded affiliation to the B M.S. College of Engineering, Bangalore, for the starting of the part-time course with an intake of 90 students (30 in each branch) in Civil, Electrical and Mechanical Engineering, from the academic year 1972-73:

Therefore it is proposed to start the part-time Degree Courses in the evening for the benefit of the employed Diploma holders at the B.M.S. College of Engineering which is a Grant-in-aid College located in Bangalore and is well developed.

(2) *Courses Offered*:—The Courses offered will be as follows:—

(i) Degree Course in Mechanical Engineering

(ii) Degree Course in Electrical Engineering

(iii) Degree Course in Civil Engineering.

(3) *Duration of the Courses*:—The duration of the course will be four years consisting of eight semesters as prescribed by the Bangalore University.

(4) *Rules and Regulations*:—The Rules, Regulations and Syllabus will be as prescribed by the Bangalore University.

(5) *Theory and Practical Classes*:—In addition to the theory classes, the practical classes in workshops, Laboratories, Surveying and Drawings will be held in the College in accordance with the syllabus prescribed by the Bangalore University.

(6) *Working Hours*:—The classes will run daily from 6 P.M. to 9 P.M. on all working days and on Sundays from 7-30 A.M. to 5-30 P.M. (with break).

Additional practical work if necessary could be arranged during Dasara, Christmas, or Summer Holidays when the laboratories will be free.

(7) *Vacation and Holidays*:—Vacation and Holidays will be observed as specified by the Bangalore University from time to time, and will closely follow the current practice of the day time course.

(8) *Minimum Qualification for Admission* :—The minimum qualification for admission will be a pass in the Diploma in the appropriate branch of Engineering of the Board of Technical Examinations, Mysore State or any other examination recognised as equivalent thereto provided that—

(a) the candidate must have professional experience of three years after obtaining the Diploma in the concerned branch ;

(b) the candidate must have been employed in any factory or industrial concern or in technical establishment at the time of admission to the course.

(9) *Selection of Candidates*:—The selection of candidates for admission to the course will be made by the same selection committee constituted by Government from time to time for selection of candidates for admission to day time Degree courses for the Bangalore University. Eighty per cent of the seats will be filled up by the committee and the remaining 20 per cent will be left to the Management.

(10). *Scale of Fees*:—The tuition fees shall be Rs. 300 for each year of the course (*i. e.* for two semesters). Other fees such as Association, Reading Room, Sports, Medical Examination, Registration, Admission and Eligibility fee, etc., shall be as per the existing rates of fees in the Engineering Colleges as approved by Government in G. O. No. ED 64 TEC 66, dated 17th December 1966.

The College will be permitted to charge double the rate of tuition fee as permissible under the Grant-in-aid code of the Department of Technical Education.

(11) *Intake*:—The ultimate intake for each of the courses (1st Semester) will be as detailed below:—

(i) Civil Engineering	...	40
(ii) Electrical Engineering	...	40
(iii) Mechanical Engineering	...	40
Total	...	120

(12) *Syllabus and Scheme of Examination*:—The syllabus and scheme of Examination will be as prescribed by the Bangalore University.

The examination will be conducted by the Bangalore University and Degree awarded.

(13) *Administration*:—The courses will be administered by the Board of Management of B. M. S. Education Trust, which is at present administering the day time B. E. Degree courses and it will be managed as a Grant-in-aid Institution.

There shall be separate full time Principal and Office staff for the Part-time Degree Courses. The working hours for the office shall be 2 P. M. to 9 P. M. on all working days.

The teaching and other staff will be appointed on full time basis as proposed in para 14.

(14) *Expenditure*:—The additional instructional facilities required for the starting of the part-time Degree courses at the B. M. S. College of Engineering, Bangalore, will be as detailed below :—

(a) *Buildings*:—The following are the facilities required for the course.

Administrative Buildings.			*Plinth Area.*
Principal's Room	...	30′ × 30′	900 Sq. ft.
Administrative section including Typing Section.	...	30′ × 40′	1,200 Sq. ft.
Material Store Room	...	30′ × 40′	1,200 Sq. ft.
Records Room	...	30′ × 30′	900 Sq. ft.
Common staff room	...	30′ × 50′	1,500 Sq. ft.
		Total ...	5,700 Sq. ft.

Estimated cost at Rs. 35 per Sq. ft.—Rs. 1,99,500.

The construction of additional buildings is proposed to be taken up after 3 years, if necessary, after knowing the response for admission to the part-time courses.

Regarding the class rooms and laboratories, the existing buildings of the day time degree courses are proposed to be utilised.

(b) *Equipment*:—It is proposed to utilise the existing facilities for running the part-time courses. However, the minimum additional equipment for laboratory and furniture and library books have been proposed to be provided at an estimate cost of Rs. 65,000 as detailed below :

Furniture and fixtures	...	Rs.	25,000-00
Laboratory Equipment (additional)	...	Rs.	5,000-00
Library	...	Rs.	35,000-00
Total	...	Rs.	65,000-00

(c) *Staff* :—The following staff is required for conducting the part-time courses at the B.M.S. College of Engineering, Bangalore.

Sl. No.	Designation	Scale of Pay	No. of Posts	PHASING OF THE POSTS				Average cost P.M.
				I Yr.	II Yr.	III Yr.	IV Yr.	
1	2	3	4	5				6
		Rs.						Rs.
1	Lecturer in Mathematics ...	300-600	5	2	1	1	1	2,250
2	Lecturer in Physics ...	300-600	2	2	...	...	...	900
3	Lecturer in Chemistry ...	300-600	2	2	...	...	...	900
4	Lecturer in Civil Engineering ...	300-600	5	...	3	1	1	2,250
5	Lecturer in Mechanical Engineering	300-600	5	...	3	1	1	2,250
6	Lecturer in Electrical Engineering ...	300-600	5	...	3	1	1	2,250
7	Instructor in Civil Engineering ...	175-450	5	...	5	...	...	1,565
8	Instructor in Mechanical Engineering ...	175-450	5	...	5	...	...	1,565
9	Instructor in Electrical Engineering ...	175-450	3	...	3	...	...	939
10	Assistant Instructor in Mechanical Engineering ...	120-240	2	...	2	...	...	360
11	Assistant Instructor in Electrical Engineering ...	120-240	2	...	2	...	...	360
12	Mechanic in Mechanical Engineering ...	90-200	3	...	3	...	...	435
13	Helper in Civil Engineering ...	80-145	5	...	5	...	...	565
14	Helper in Mechanical Engineering ...	80-145	6	...	6	...	...	678
15	Helper in Electrical Engineering ...	80-145	4	...	4	...	...	452
16	Laboratory Attender ...	80-145	4	...	4	...	...	452
	Administrative Staff							
1	Principal ...	800-1,200	1	1	...	...	...	1,000
2	Office Superintendent ...	275-550	1	1	...	...	...	413
3	First Division Clerk ...	130-290	1	1	...	...	...	210
4	Second Division Clerks ...	90-200	4	2	2	...	...	580
5	Second Division Typist ... +Spl. Pay	90-200 20 P.M.	1	1	...	...	...	165
6	Library Assistant ...	90-200	1	1	...	...	...	145
7	Attenders ...	80-145	7	5	2	...	...	791
8	Peons, Watchman, Sweepers ...	65-95	6	6	...	...	...	480
								Rs. 21,955 P.M.

OR

Rs. 21,955 × 12 = Rs. 2,63,460 Per Annum.

(d) *Maintenance* :—A sum of Rs. 53,000 P.A. (ultimate) is required for maintenance expenditure *viz.* contingencies, Library and consumables for the starting of part-time courses at the B.M.S. College of Engineering, Bangalore, as detailed below :—

	I Year	*II Year*	*III Year*	*IV Year & onwards*
Contingencies	30,000	30,000	30,000	30,000
Library	1,500	2,000	2,500	3,000
Consumables ...	1,500	7,700	13,900	20,000
Total ...	33,000	39,700	46,400	53,000

The provision for depreciation charges for the use of plant and machinery has not been made for the existing facilities of the B.M.S. College of Engineering, Bangalore for running the part-time courses since both the day time and part time courses are conducted in the same College and receive assistance from the State Government and Central Governments.

(15) *Financial Implications.*—The Financial implications involved for the starting of the part-time Degree courses at the B.M.S. College of Engineering, Bangalore will be as detailed below:—

I. Non-recurring.—

		Rs.
(a) Building (to be taken up after three years from the commencement)	...	1,99,500-00
(b) Equipment including furniture and Library	...	65,000-00
Total	...	2 64,500-00

II. Recurring (Per annum).—

(a) Staff salaries	...	2,63,460-00
(b) Maintenance	...	53,000-00
Total	...	3,16,460-00
Say Rs.	...	3,16,500-00 (ultimate)

(16) *Pattern of sharing the expenditure* —The pattern of sharing the expenditure between State Government and the Management will be in the ratio of 75 : 25 in respect of non-recurring expenditure. The State Government has to meet 75 per cent of the non-recurring expenditure out of the plan provision. The recurring charges are to be regulated in accordance with the provisions of the Grant-in-aid code of the Department of Technical Education. The State share of recurring expenditure will be met out of the State plan scheme upto the end of the fourth five year plan. The central assistance for the entire scheme will be claimed in accordance with the pattern prescribed for the fourth five year and subsequent plan schemes.

(17) *Plan Provision.*—A provision of Rs. 0.20 lakh has been made under plan budget for the implementation of the scheme during the year 1972-73. The State share of grants is proposed to be released to the College under this provision, by providing the additional funds required by reappropriation.

S. K. GIRIYAPPA,
Under Secretary to Government,
Education and Youth Services Department.

SOCIAL WELFARE SECRETARIAT

Welfare of Backward Classes—Construction of 12 Hostel Buildings for location of Scheduled Castes Boys and Girls Hostels, during 1972-73—Sanctioned.

READ.—

(1) SWD 124 SEW 72, dated 7th August 1972.

(2) Letter No. DSW. ED 4/PR 155/71-72, dated 26th August 1972, from the Director of Social Welfare, Mysore, Bangalore.

PREAMBLE:

In G. O. cited above sanction has been accorded to take up the construction of 36 buildings for Scheduled Castes Boys and Girls Hostels at a total cost of Rs. 17,62,500 during 1972-73 in commemoration of the 25th Independence Jayanthi.

The Director of Social Welfare, has proposed for taking up construction of 12 more hostel buildings for Scheduled Castes Boys and Girls in different places of the State at a total cost of Rs. 6,62,500 during the year 1972-73.